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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I
5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

OCT 7 2010

Gordon E. Cheeseman, PE
Associate Director of Physical Plant
Colby College
5000 Mayflower Hill
Waterville, Maine 04901-5000

Re: PCB Cleanup and Disposal Approval under 40 CFR §§ 761.61(a) and (c)
and 761.79(h)
Goddard-Hodgkins Hall, Colby College, Waterville, Maine

Dear Mr. Cheeseman:

This is in response to the Colby College's (Colby) Notification¹ for approval of a proposed PCB cleanup for windows and doors located at the Goddard-Hodgkins Hall, Colby College, Waterville, Maine (the Site). The Site contains PCB caulk that exceeds the allowable PCB levels under the federal PCB regulations at 40 CFR § 761.20(a) and § 761.62. In its Notification, Colby has proposed the following PCB cleanup and disposal plan:

- Remove and dispose of PCB caulk;
- Remove perimeter window molding;
- Remove *porous surfaces* (i.e. brick) with greater than (>) 1 part per million (ppm) PCBs;
- Decontaminate *non-porous surfaces* (i.e. steel lintels) to $\leq 10 \mu\text{g}/100 \text{ cm}^2$ PCBs; and,
- Dispose of all PCB wastes at a TSCA-approved disposal facility.

Based on EPA's review, the information provided in the Notification meets the requirements under 40 CFR §§ 761.61, 761.62, and 761.79(h) for removal and disposal of *PCB bulk product waste* and *PCB remediation waste*. Further, the proposed removal and disposal activities are consistent with the requirements and standards established under §§ 761.61(a) and (c), § 761.62, § 761.79 for similar types of PCB-contaminated materials.

¹ Information was submitted on behalf of Colby College by Summit Environmental Consultants, Inc. The information was provided to satisfy the notification requirement under 40 CFR §§ 761.61(a) and (c) and § 761.79(h). Information was submitted dated August 5, 2010 (SIP), August 13 and 16, 2010 (emails with responses to EPA comments), and September 15, 2010 (response to EPA comments) and shall be referred to as the "Notification".

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In its Notification Colby has determined that PCB caulk at less than ($<$) 50 ppm is not a *PCB bulk product waste* and meets the criteria of an *Excluded PCB Product* as defined at 40 CFR § 761.3. As such, removal of this caulk is not required under 40 CFR Part 761 and is not addressed in this Approval. However, based on the extraction method used for the PCB samples, the PCB concentrations may have been higher if the recommended extraction Method 3540C had been used. Renovation work was completed and the waste was disposed of before EPA had an opportunity to complete its review of this project. EPA hopes that in the future we will have an opportunity to review notifications prior to the initiation of any work in areas where PCB-contaminated materials have been found to preclude problems that may arise at a later date.

Colby may proceed with its cleanup in accordance with 40 CFR §§ 761.61(a) and (c); § 761.62; § 761.79(h); its Notification; and this Approval, subject to the conditions of Attachment 1. Please be aware that EPA is requiring verification samples of decontaminated *porous surfaces* (i.e. brick) and decontaminated *non-porous surfaces* (i.e. steel lintels) to document that the proposed cleanup standards of < 1 ppm and $\leq 10 \mu\text{g}/100 \text{ cm}^2$, respectively, have been achieved. (See Attachment 1, Condition 12)

Please be aware that this Approval requires Colby to conduct outreach activities for the residents of Goddard-Hodgkins Hall concerning the PCB remediation work. Documentation of the outreach effort shall be submitted to EPA. (Attachment 1, Approval Condition 11)

EPA shall not consider this project complete until it has received all submittals required under this Approval. Please be aware that upon EPA receipt and review of the submittals, EPA may request any additional information necessary to establish that the work has been completed in accordance with 40 CFR Part 761, the Notification, and this Approval.

Sincerely,



James T. Owens, III Director
Office of Site Remediation & Restoration

cc: Stacy Ladner, MEDEP
Dennis Kingman, Summit Environmental Consultants, Inc
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Attachment 1

ATTACHMENT 1

PCB CLEANUP AND DISPOSAL APPROVAL CONDITIONS GODDARD-HODGKINS HALL ("the Site") COLBY COLLEGE, WATERVILLE, MAINE

GENERAL CONDITIONS

1. This Approval is granted under the authority of Section 6(e) of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2605(e), and the PCB regulations at 40 CFR Part 761, and applies solely to the *PCB bulk product waste* and the *PCB remediation waste* located at the Site and identified in the Notification, specifically the PCB contamination located at Goddard-Hodgkins Hall.
2. Colby College (Colby) shall conduct on-site activities in accordance with the conditions of this Approval and with the Notification.
3. In the event that the cleanup plan described in the Notification differs from the conditions specified in this Approval, the conditions of this Approval shall govern.
4. The terms and abbreviations used herein shall have the meanings as defined in 40 CFR § 761.3 unless otherwise defined within this Approval.
5. Colby must comply with all applicable federal, state and local regulations in the storage, handling, and disposal of all PCB wastes, including PCBs, PCB Items and decontamination wastes generated under this Approval. In the event of a new spill during response actions, Colby shall contact EPA within 24 hours for direction on PCB cleanup and sampling requirements.
6. Colby is responsible for the actions of all officers, employees, agents, contractors, subcontractors, and others who are involved in activities conducted under this Approval. If at any time Colby has or receives information indicating that Colby or any other person has failed, or may have failed, to comply with any provision of this Approval, it must report the information to EPA in writing within 24 hours of having or receiving the information.
7. This Approval does not constitute a determination by EPA that the transporters or disposal facilities selected by Colby are authorized to conduct the activities set forth in the Notification. Colby is responsible for ensuring that its selected transporters and disposal facilities are authorized to conduct these activities in accordance with all applicable federal, state and local statutes and regulations.

8. This Approval does not: 1) waive or compromise EPA's enforcement and regulatory authority; 2) release Colby from compliance with any applicable requirements of federal, state or local law; or 3) release Colby from liability for, or otherwise resolve, any violations of federal, state or local law.

NOTIFICATION AND CERTIFICATION CONDITIONS

9. This Approval may be revoked if the EPA does not receive written notification from Colby of its acceptance of the conditions of this Approval within 10 business days of receipt.
10. Colby shall submit the following information for EPA review and/or approval:
 - a. A certification signed by its selected contractor, stating that the contractor(s) has read and understands the Notification, and agrees to abide by the conditions specified in this Approval;
 - b. A certification signed by the selected analytical laboratory, stating that the laboratory has read and understands the extraction and analytical methods and quality assurance requirements specified in the Notification and in this Approval; and,
 - c. A contractor work plan, prepared and submitted by the selected contractor(s), detailing the procedures that will be employed for removal of PCB-contaminated wastes and for containment and air monitoring during removal activities. This work plan should also include information on waste storage, handling, and disposal for each waste stream type and for equipment decontamination.

CLEANUP AND DISPOSAL CONDITIONS

11. Colby shall conduct outreach activities for the Goddard-Hodgkins Hall residents on the PCB remediation work. Colby shall submit information on its outreach activities within 30 days of receipt of this Approval.
12. PCB-contaminated materials shall be decontaminated and confirmatory sampling and analysis shall be conducted as described below:
 - a. All visible residues of PCB caulk (i.e. *PCB bulk product waste*) shall be removed as described in the Notification.
 - b. The decontamination standard for *porous surfaces* (i.e. brick) shall be less than or equal to (\leq 1 part per million (ppm) PCBs. All post-decontamination verification sampling of *porous surfaces* shall be performed on a bulk basis (e.g. mg/kg). Post-abatement confirmatory samples shall be collected in accordance with EPA's

draft Standard Operating Procedure For Sampling Concrete in the Field, dated 12/30/97 to a maximum depth of 0.5 inches. Colby shall collect a minimum of three verification samples from each window and door opening, including one (1) sample from each side and one (1) sample on the bottom.

- c. The decontamination standard for *non-porous surfaces* (i.e. steel lintels) shall be less than or equal to (\leq) $10 \mu\text{g}/100 \text{ cm}^2$ PCBs.
 - i) All post-decontamination verification sampling of *non-porous surfaces* shall be performed on a surface area basis by the standard wipe test as specified in 40 CFR § 761.123 (i.e. $\mu\text{g}/100 \text{ cm}^2$). A minimum of one (1) verification sample shall be collected from each steel lintel.
 - ii) For decontaminated *non-porous surfaces* that have PCB concentrations exceeding the decontamination standard, Colby may conduct additional decontamination to achieve the required decontamination standard or must store and dispose of these wastes as TSCA-regulated waste in accordance with 40 CFR Part 761.
 - iii) In lieu of conducting decontamination, PCB-contaminated *non-porous surfaces* shall be stored and disposed of in accordance with 40 CFR Part 761.
 - d. Chemical extraction for PCBs shall be conducted using Method 3500B/3540C of SW-846 and chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction or analytical method(s) is validated according to Subpart Q.
13. All PCB waste (regardless of concentration) generated as a result of the activities described in the Notification, excluding any decontaminated materials, shall be marked in accordance with § 761.40; stored in a manner prescribed in § 761.65; and, disposed of in accordance with 40 CFR § 761.61(a)(5) or § 761.62, unless otherwise specified below:
- a. Decontamination wastes and residues shall be disposed of in accordance with 40 CFR § 761.79(g).
 - b. Moveable equipment, tools, and sampling equipment shall be decontaminated in accordance with either 40 CFR § 761.79(b)(3)(i)(A), § 761.79(b)(3)(ii)(A), or § 761.79(c)(2).
 - c. PCB-contaminated water generated during decontamination or dewatering shall be decontaminated in accordance with 40 CFR § 761.79(b)(1) or disposed of under § 761.60.

14. To the maximum extent practical, engineering controls, such as barriers, and removal techniques, such as the use of HEPA ventilated tools, shall be utilized during removal processes. In addition, to the maximum extent possible, disposable equipment and materials, including PPE, will be used to reduce the amount of decontamination necessary.

INSPECTION, MODIFICATION AND REVOCATION CONDITIONS

15. Colby shall allow any authorized representative of the Administrator of the EPA to inspect the Site and to inspect records and take samples as may be necessary to determine compliance with the PCB regulations and this Approval. Any refusal by Colby to allow such an inspection (as authorized by Section 11 of TSCA) shall be grounds for revocation of this Approval.
16. Any proposed modification(s) in the plan, specifications, or information in the Notification must be submitted to EPA no less than 14 calendar days prior to the proposed implementation of the change. Such proposed modifications will be subject to the procedures of 40 CFR § 761.61(a)(3)(ii).
17. Any departure from the conditions of this Approval without prior, written authorization from the EPA may result in the revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.
18. Any misrepresentation or omission of any material fact in the Notification or in any records or reports may result in the EPA's revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

RECORDKEEPING AND REPORTING CONDITIONS

19. Colby shall prepare and maintain all records and documents required by 40 CFR Part 761, including but not limited to the records required under Subparts J and K. A written record of the decontamination and the analytical sampling shall be established and maintained by Colby in one centralized location, until such time as EPA approves in writing a request for an alternative disposition of such records. All records shall be made available for inspection to authorized representatives of EPA.

20. Colby shall submit a final report to the EPA within 60 days of completion of the activities authorized under this Approval. At a minimum, this final report shall include: a short narrative of the project activities; characterization and confirmation sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; an estimate of the quantity of PCB waste disposed of and the size of the decontaminated area(s); copies of manifests; and, copies of certificates of disposal or similar certifications issued by the disposer.
21. Required submittals shall be mailed to:
- Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527
22. No record, report or communication required under this Approval shall qualify as a self-audit or voluntary disclosure under EPA audit, self-disclosure or penalty policies.

END OF ATTACHMENT 1

